	Type	Hits	Search Text	DBs	Time Stamp	Errors	Comments
41	IS&R	2	("5903478").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 10:34	0	
42	BRS	0	871112.URPN.	USPAT	2003/01/03 10:31	0	
43	BRS	1	5903478.URPN.	USPAT	2003/01/03 10:31	0	
44	BRS	11	("5408607" | "5493489" | "5717865" | "5724262" | "5734837" | "5784539" | "5890133" | "5903478" | "5909669" | "5974392" | "6002396").PN.	USPAT	2003/01/03 10:33	0	
45	BRS	5101	"object model"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 10:34	0	
46	BRS	472	"object modeling"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 10:34	0	
47	BRS	5332	"object model" or "object modeling"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 10:35	0	
48	BRS	438	("object model" or "object modeling") same relationship	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 10:35	0	
49	BRS	16	(("object model" or "object modeling") same relationship) same select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 11:34	0	
50	BRS	0	6490581.URPN.	USPAT	2003/01/03 10:48	0	
51	BRS	6	("5586311" | "5627979" | "5809266" | "6016488" | "6122641" | "6269475").PN.	USPAT	2003/01/03 10:51	0	
52	IS&R	2	("5726688").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/03 11:34	0	
53	BRS	9	5726688.URPN.	USPAT	2003/01/03 11:38	0	
54	BRS	10	("4622013" | "4941829" | "5018082" | "5115501" | "5267865" | "5295228" | "5310349" | "5333237" | "5372507" | "5395243").PN.	USPAT	2003/01/03 11:39	0	

01/03/2003, EAST Version: 1.03.0007

PØRTAL
TO COMPUTING LITERATURE

Search Results

Search Results for: [relationship<AND>((object<AND>((model navigation))))]
Found 25 of 448,774 searched.

Search within Results

[   ] [GO]

> Advanced Search   > Search Help/Tips

Sort by: Title   Publication   Publication Date   Score   ◆Binder

---

Results 1 - 20 of 25   short listing

◁ Prev Page **1   2** ▷ Next Page

---

1 Tools and approaches for developing data-intensive Web applications: a survey   80%
📄 Piero Fraternali
ACM Computing Surveys (CSUR) September 1999
Volume 31 Issue 3
> The exponential growth and capillar diffusion of the Web are nurturing a novel
> generation of applications, characterized by a direct business-to-customer
> relationship. The development of such applications is a hybrid between traditional IS
> development and Hypermedia authoring, and challenges the existing tools and
> approaches for software production. This paper investigates the current situation of
> Web development tools, both in the commercial and research fields, by identifying
> and characte ...

2 A layered architecture for querying dynamic Web content   80%
📄 Hasan Davulcu , Juliana Freire , Michael Kifer , I. V. Ramakrishnan
ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on
Management of data June 1999
Volume 28 Issue 2
> The design of webbases, database systems for supporting Web-based applications, is
> currently an active area of research. In this paper, we propose a 3-year architecture
> for designing and implementing webbases for querying dynamic Web content(i.e.,
> data that can only be extracted by filling out multiple forms). The lowest layer,
> virtual physical layer, provides navigation independence by shielding the user from
> the complexities associated wi ...

3 RMM: a methodology for structured hypermedia design   80%
📄 Tomás Isakowitz , Edward A. Stohr , P. Balasubramanian
Communications of the ACM August 1995
Volume 38 Issue 8

4 Managing metaphors for advanced user interfaces   80%

Aaron Marcus
Proceedings of the workshop on Advanced visual interfaces June 1994
User interface design includes designing metaphors, the essential terms, concepts, and images representing data, functions, tasks, roles, organizations, and people. Advanced user interfaces require consideration of new metaphors and repurposing of older ones. Awareness of semiotics principles can assist researchers in developing more efficient and effective ways to communicate to more diverse user groups.

5 Model-Based Construction of Collaborative Systems   77%
M. A. Swaby , P. M. Dew , P. J. Kearney
BT Technology Journal October 1999
Volume 17 Issue 4

The principal asset of an enterprise is its workforce, and a key factor distinguishing the successful enterprise of the forthcoming millennium is the empowerment of its staff in pursuit of corporate goals. While the more routine tasks will become totally automated, there will also be an increased use of IT to amplify the abilities of knowledge workers as individuals and members of collaborative teams. These teams are likely to be much more volatile than at present, being convened for specific ...

6 Fast forward: Dare we define user-interface design?   77%
Aaron Marcus
interactions September 2002
Volume 9 Issue 5

7 Next-Gen Open Hypermedia, Part One: Links in the palm of your hand: tangible   77%
hypermedia using augmented reality
Patrick Sinclair , Kirk Martinez , David E. Millard , Mark J. Weal
Proceedings of the thirteenth conference on Hypertext and hypermedia June 2002
Contextualised Open Hypermedia can be used to provide added value to document collections or artefacts. However, transferring the underlying hyper structures into a users conceptual model is often a problem. Augmented reality provides a mechanism for presenting these structures in a visual and tangible manner, translating the abstract action of combining contextual linkbases into physical gestures of real familiarity to users of the system. This paper examines the use of augmented reality in hyp ...

8 Session IV - languages: NUL: a Navigational User's Language for a network   77%
structured data base
Claude Deheneffe , Henri Hennebert
Proceedings of the 1976 ACM SIGMOD international conference on Management of data
June 1976
This paper presents an end-user's language which tries to solve the problem of an easy navigation through a DBTG-like data base structure. A request is expressed in a nonprocedural and hierarchically structured fashion. The dialogue is split into two main parts : first a data context definition, then the manipulations of this context.A context is a part of the data base that the user is concerned with. A context definition is formed by a set of labelled lines; each line is a condition declaratio ...

9 Requirements-based product line engineering 77%

Mike Mannion , Hermann Kaindl
ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software
engineering conference held jointly with 9th ACM SIGSOFT international symposium on
Foundations of software engineering September 2001
Volume 26 Issue 5

> Reuse and requirements are very important for efficient and successful systems
> development. This tutorial presents the experiences of requirements reuse using a
> Method for Requirements Authoring and Management (MRAM). MRAM is a method for
> establishing and selecting from product line requirements. A product line is a group
> of products within the same market segment e.g. mobile phones. TRAM (Tool for
> Requirements Authoring and Management) is a software tool to support MRAM that
> utilises current pr ...

10 Dynamic hypertext: querying and linking 77%

Richard Bodner , Mark Chignell
ACM Computing Surveys (CSUR) December 1999

11 User interface patterns for hypermedia applications 77%

Gustavo Rossi , Daniel Schwabe , Fernando Lyardet
Proceedings of the Working Conference on Advanced Visual Interfaces May 2000

> Designing high quality visual interfaces for hypermedia applications is difficult; it
> involves organizing different kinds of interface objects (for example those triggering
> navigation), prevent lhe user from cognitive overhead, etc. Unfortunately, interface
> design methods do not capture design decisions or rationale, so it is hard to record
> and convey interface design expertise. In this paper, we introduce interface patterns
> for hypermedia applications as a concept for reusing in ...

12 Crosscurrents: cultural dimensions and global Web user-interface design 77%

Aaron Marcus , Emilie West Gould
interactions July 2000
Volume 7 Issue 4

13 Design: (Inter)facing the millennium: where are we (going)? 77%

interactions January 2000
Volume 7 Issue 1

14 Constructing, organizing, and visualizing collections of topically related Web 77%
resources

Loren Terveen , Will Hill , Brian Amento
ACM Transactions on Computer-Human Interaction (TOCHI) March 1999
Volume 6 Issue 1

> For many purposes, the Web page is too small a unit of interaction and analysis. Web
> sites are structured multimedia documents consisting of many pages, and users often
> are interested in obtaining and evaluating entire collections of topically related sites.
> Once such a collection is obtained, users face the challenge of exploring,
> comprehending and organizing the items. We report four innovations that address
> these user needs: (1) we replaced the Web page with the Web site

15 Hypermedia potentials for analysis support tools 77%

Douglas S. Lange
Proceedings of the tenth ACM Conference on Hypertext and hypermedia : returning to
our diverse roots: returning to our diverse roots February 1999

16 Metaphor design in user interfaces   77%
Aaron Marcus
ACM SIGDOC Asterisk Journal of Computer Documentation May 1998
Volume 22 Issue 2

17 XHMBS: a formal model to support hypermedia specification   77%
Fabiano B. Paulo , Marcelo Augusto S. Turine , Maria Cristina F. de Oliveira , Paulo C.
Masiero
Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects,
time and space---structure in hypermedia systems: links, objects, time and
space---structure in hypermedia systems May 1998

18 Locus looks at the Turing play: hypertextuality vs. full programmability   77%
Jim Rosenberg
Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects,
time and space---structure in hypermedia systems: links, objects, time and
space---structure in hypermedia systems May 1998

19 Systematic hypermedia application design with OOHDM   77%
Daniel Schwabe , Gustavo Rossi , Simone D. J. Barbosa
Proceedings of the the seventh ACM conference on Hypertext March 1996

20 An interactive environment for dialogue development: its design, use and   77%
evaluation; or, is aide useful?
D. H. Hix , H. R. Hartson
ACM SIGCHI Bulletin , Conference proceedings on Human factors in computing systems
April 1986
Volume 17 Issue 4
> The Author's Interactive Dialogue Environment (AIDE) of the Dialogue Management
> System is an integrated set of direct manipulation tools used by a dialogue author to
> design and implement human-computer interfaces without writing source code. This
> paper presents the conceptual dialogue transaction model upon which AIDE is based,
> describes AIDE, and illustrates how a dialogue author develops an interface using
> AIDE. A preliminary empirical evaluation of the use of AIDE versus ...

Results 1 - 20 of 25   short listing

P⊛RTAL
TO COMPUTING LITERATURE

Search Results

Search Results for: [relationship<AND>((object<AND>((model navigation))))]
Found 25 of 448,774 searched.

Search within Results

[   ] **GO**

> Advanced Search   > Search Help/Tips

Sort by: Title   Publication   Publication Date   Score   ◆ Binder

---

Results 21 - 25 of 25   short listing

◁ Prev Page **1 2** ▷ Next Page

---

21 Frame-axis model for automatic information organizing and spatial navigation   77%
Yoshihiro Masuda , Yasuhiro Ishitobi , Manabu Ueda
Proceedings of the 1994 ACM European conference on Hypermedia technology
September 1994
> In taxonomic reasoning tasks, such as scientific research or decision making, people
> gain insight and find new ideas through analysis of large numbers of factual data or
> material documents, which are generally disorganized and unstructured. Hypermedia
> technology provides effective means of organizing and browsing information with
> such nature. However, for large amounts of information, the conventional node-link
> model makes linking or browsing operations be complicated because their relation ...

22 A nested-graph model for the representation and manipulation of complex   77%
objects
Alexandra Poulovassilis , Mark Levene
ACM Transactions on Information Systems (TOIS) January 1994
Volume 12 Issue 1
> Three recent trends in database research are object-oriented and deductive
> databases and graph-based user interfaces. We draw these trends together in a data
> model we call the Hypernode Model. The single data structure of this model is the
> hypernode, a graph whose nodes can themselves be graphs. Hypernodes are typed,
> and types, too, are nested graphs. We give the theoretical foundations of hypernodes
> and types, and we show that type checking is tractable. We show also how c ...

23 One proven methodology for designing robust online help systems   77%
Angela Patrick , Andy McGurgan
Proceedings of the 11th annual international conference on Systems documentation
November 1993

24 The art of search: a study of art directors   77%
Sharon R. Garber , Mitch B. Grunes
Conference proceedings on Human factors in computing systems June 1992

We formulated a model of visual search by conducting a work flow study and task analysis of art directors as they searched for images to use in an advertisement. The analysis revealed the presence of artistic and image concepts, flexible structures which guide the search and are molded by them. Analysis results were used to build a model-based interface for visual search. Results from presenting the interface to users indicate that the interface has the potential to make significant contrib ...

25 Extending data modeling to cover the whole enterprise   77%

August-Wilhelm Scheer , Alexander Hars
Communications of the ACM September 1992
Volume 35 Issue 9

Results 21 - 25 of 25   **short listing**

Prev
Page **1** **2** Next
Page

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.